

## Seal and Insulate with ENERGY STAR Insulation Installation Check Sheet

In the installation instructions, the following must be included:

Yes	No			
<input type="checkbox"/>	<input type="checkbox"/>	A description of recommended Personal Protective Equipment (PPE) for safe and effective handling and installation of product. (e.g. eye wear, gloves, other skin protection, respiratory protection such as dust masks or respirator, etc.)		
<input type="checkbox"/>	<input type="checkbox"/>	A written description of the location or scenarios in the home this set of instructions is applicable to. The application should apply to a whole or continuous surface such as a wall, ceiling or floor. Joists or studs may be included.		
<input type="checkbox"/>	<input type="checkbox"/>	<p>A detailed diagram, illustration, or picture must be provided for each location or scenario described above showing the proper installation and orientation of the product. This may be attached at the end of the instructions. Typical scenarios:</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Above grade wall (inside)  <input type="checkbox"/> Above grade wall (outside)  <input type="checkbox"/> Below grade wall (inside)  <input type="checkbox"/> Below grade wall (buried outside)  <input type="checkbox"/> Crawlspace wall (under house)  <input type="checkbox"/> Roof or rafters (cathedral ceiling) </td> <td style="width: 50%; vertical-align: top;"> <input type="checkbox"/> Attic floor  <input type="checkbox"/> Attic knee wall  <input type="checkbox"/> Ceiling of basement or crawlspace  <input type="checkbox"/> Over concrete floor  <input type="checkbox"/> Inside/under concrete floor  <input type="checkbox"/> Other _____ </td> </tr> </table> <p>NOTE: For reflective insulation, manufacturers must clearly identify proper spacing, orientation (heat flow direction), proper fastening, and detailed cross sections showing the enclosed air space needed to achieve the listed R-value(s).</p>	<input type="checkbox"/> Above grade wall (inside) <input type="checkbox"/> Above grade wall (outside) <input type="checkbox"/> Below grade wall (inside) <input type="checkbox"/> Below grade wall (buried outside) <input type="checkbox"/> Crawlspace wall (under house) <input type="checkbox"/> Roof or rafters (cathedral ceiling)	<input type="checkbox"/> Attic floor <input type="checkbox"/> Attic knee wall <input type="checkbox"/> Ceiling of basement or crawlspace <input type="checkbox"/> Over concrete floor <input type="checkbox"/> Inside/under concrete floor <input type="checkbox"/> Other _____
<input type="checkbox"/> Above grade wall (inside) <input type="checkbox"/> Above grade wall (outside) <input type="checkbox"/> Below grade wall (inside) <input type="checkbox"/> Below grade wall (buried outside) <input type="checkbox"/> Crawlspace wall (under house) <input type="checkbox"/> Roof or rafters (cathedral ceiling)	<input type="checkbox"/> Attic floor <input type="checkbox"/> Attic knee wall <input type="checkbox"/> Ceiling of basement or crawlspace <input type="checkbox"/> Over concrete floor <input type="checkbox"/> Inside/under concrete floor <input type="checkbox"/> Other _____			
<input type="checkbox"/>	<input type="checkbox"/>	A description of any site preparation needed before beginning installation including whether <u>air sealing</u> is needed to ensure the user will get the full performance from the product. (e.g. dry surface, removal of obstructions, inserting baffles, caulking or otherwise sealing holes, proper framing or spacing, equipment needed, etc...)		
<input type="checkbox"/>	<input type="checkbox"/>	A step by step description of product installation to achieve listed R-value such as cutting or other manipulation of the product, proper insertion of product into enclosed spaces, recommended fasteners or adhesives, proper mixing, proper blowing strategies, etc....		
<input type="checkbox"/>	<input type="checkbox"/>	A description of any required covering or recommended finishes (or fire rating of coverings) to meet fire codes.		
<input type="checkbox"/>	<input type="checkbox"/>	A listing of the time period, time range, or a table of ranges for wet insulation to dry (such as wet-spray cellulose or fiberglass) or for any chemical reactions to be completed for safe re-entry into building (such as spray or pour foam insulations).		

Radiant barriers, duct or pipe insulation, insulation chinking materials, small volumes of spray foams, flashing, vents, baffles, house wraps, SIPs, paints, coatings, and exterior or interior finishing are not included. R-values claimed for foil faced laminated systems for exterior applications are also not included.